

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101118\
 Data File : BG037277.D
 Acq On : 12 Oct 2018 5:10
 Operator : JU/SJ
 Sample : J5302-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Quant Time: Oct 12 06:53:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	62787	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	272653	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	186592	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	467177	20.00	ng	0.00
76) Chrysene-d12	21.79	240	442105	20.00	ng	0.00
87) Perylene-d12	25.14	264	455646	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	211881	59.39	ng	0.00
7) Phenol-d6	7.25	99	198625	36.68	ng	0.00
23) Nitrobenzene-d5	9.30	82	368019	88.74	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	248977	136.06	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	920716	74.10	ng	0.00
79) Terphenyl-d14	20.10	244	1550495	73.64	ng	0.00

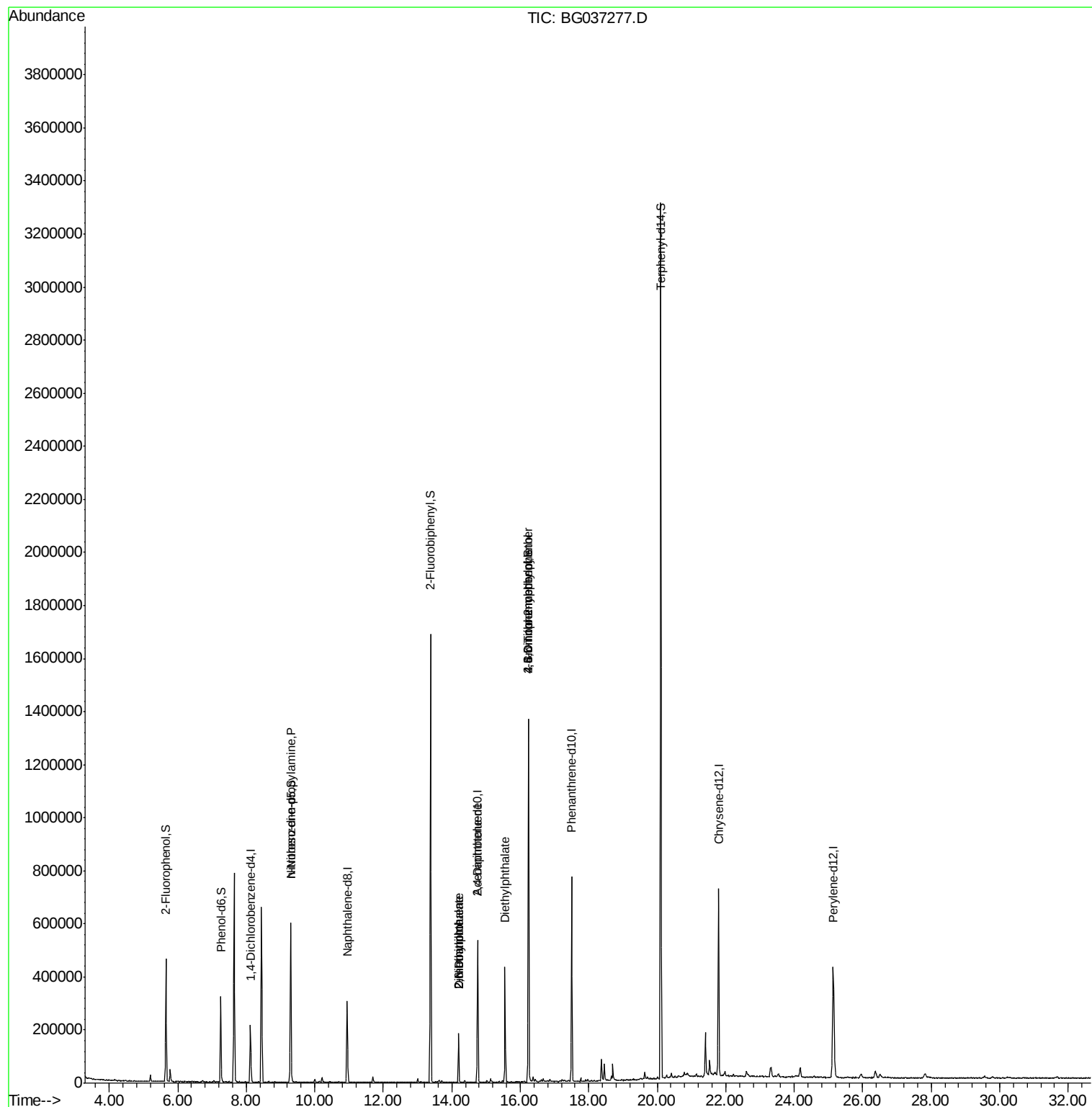
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.30	70	47246	11.524	ng	# 72
48) 2-Nitroaniline	14.20	65	1302	6.120	ng	# 1
50) Dimethylphthalate	14.20	163	133592	9.110	ng	98
51) 2,6-Dinitrotoluene	14.20	165	1509	5.287	ng	# 1
57) 2,4-Dinitrotoluene	14.76	165	24587	11.395	ng	# 26
60) Diethylphthalate	15.56	149	262493	17.273	ng	99
65) 4,6-Dinitro-2-methylphenol	16.24	198	470	6.227	ng	91
67) 4-Bromophenyl-phenylether	16.24	248	18208	3.611	ng	# 1

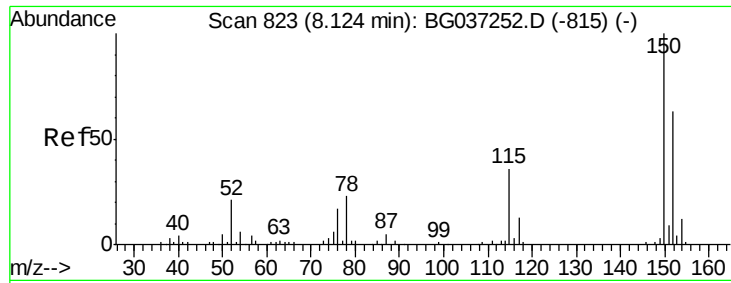
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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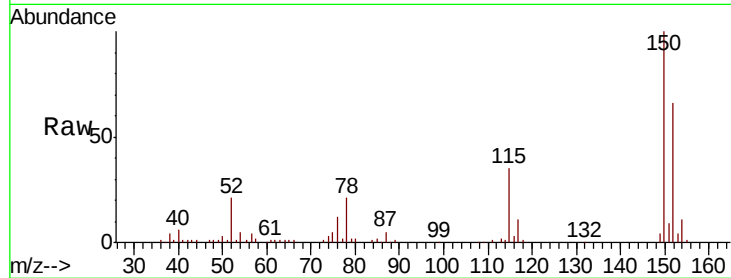




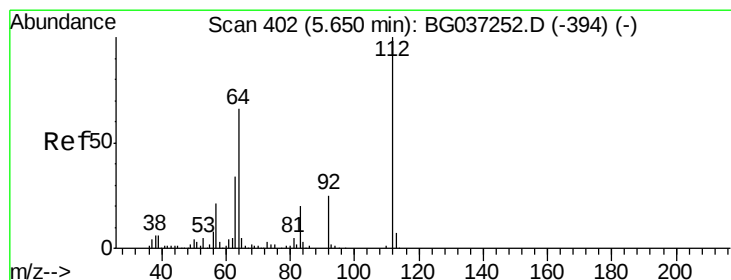
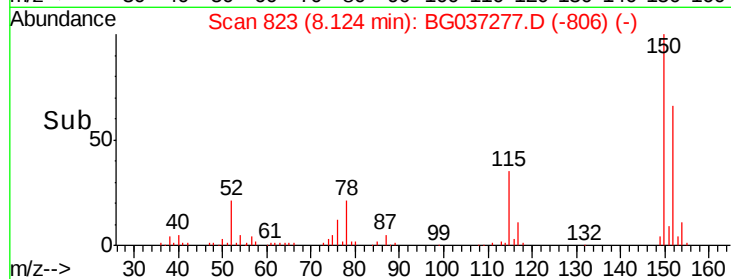
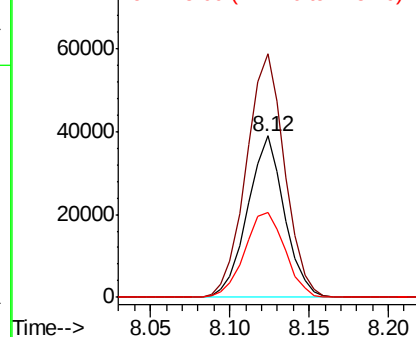
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG037277.D
 Acq: 12 Oct 2018 5:10

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Tgt Ion:152 Resp: 62787
 Ion Ratio Lower Upper
 152 100
 150 150.8 126.0 189.0
 115 52.4 45.5 68.3

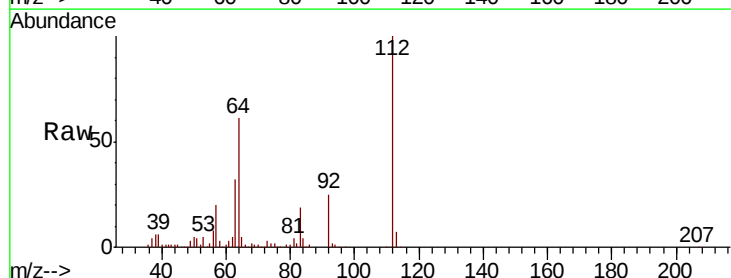


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

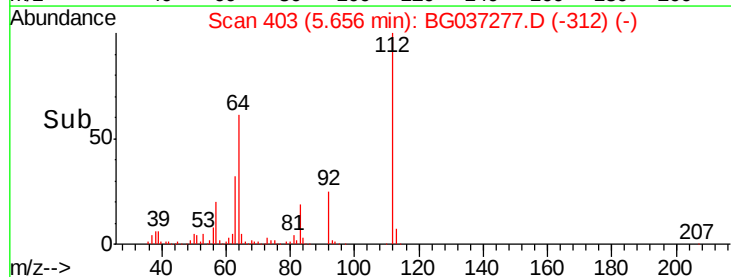
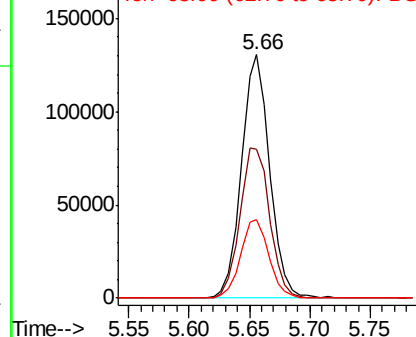


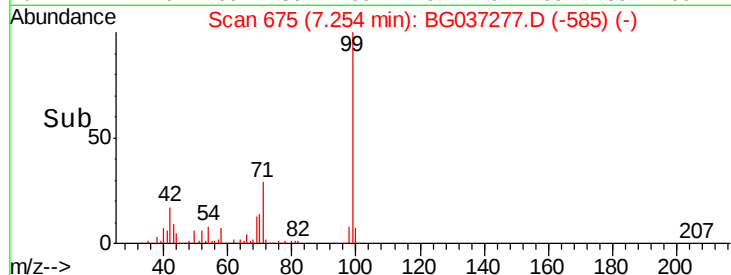
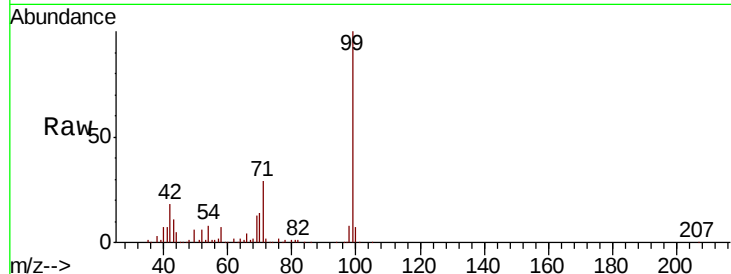
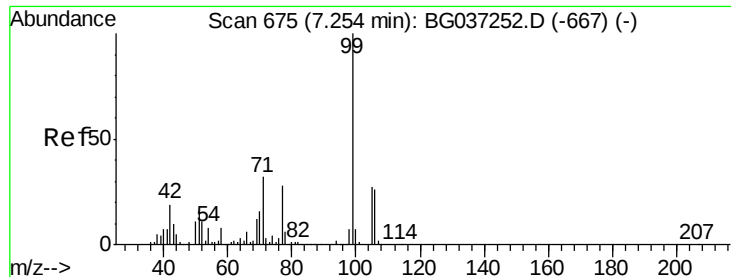
#5
 2-Fluorophenol
 Concen: 59.390 ng
 RT: 5.66 min Scan# 403
 Delta R.T. 0.01 min
 Lab File: BG037277.D
 Acq: 12 Oct 2018 5:10

Tgt Ion:112 Resp: 211881
 Ion Ratio Lower Upper
 112 100
 64 61.2 53.1 79.7
 63 32.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 36.680 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037277.D

Acq: 12 Oct 2018 5:10

Instrument :

BNA_G

ClientSampleId :

TW-1

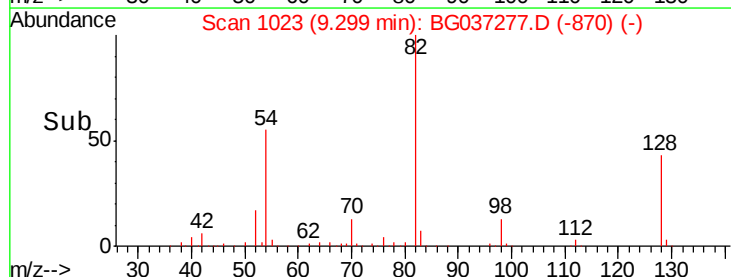
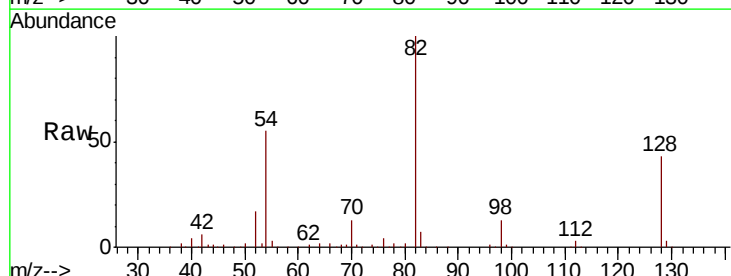
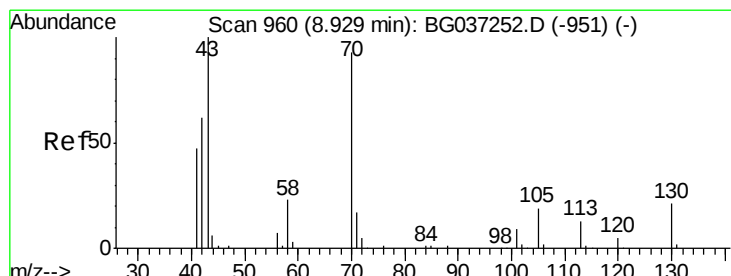
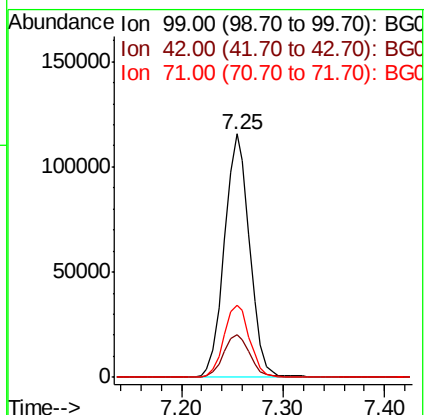
Tgt Ion: 99 Resp: 198625

Ion Ratio Lower Upper

99 100

42 17.6 15.0 22.4

71 29.4 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 11.524 ng

RT: 9.30 min Scan# 1023

Delta R.T. 0.37 min

Lab File: BG037277.D

Acq: 12 Oct 2018 5:10

Tgt Ion: 70 Resp: 47246

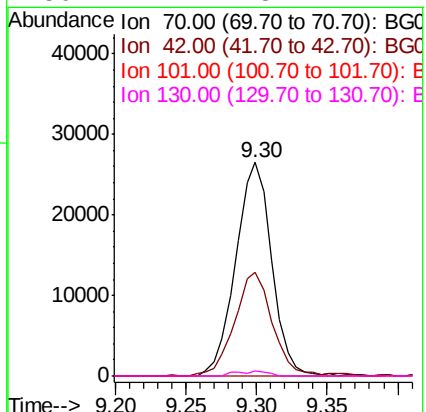
Ion Ratio Lower Upper

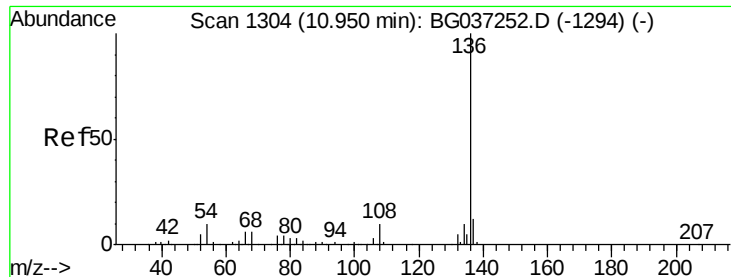
70 100

42 48.5 53.9 80.9#

101 0.0 8.2 12.2#

130 2.1 18.2 27.4#

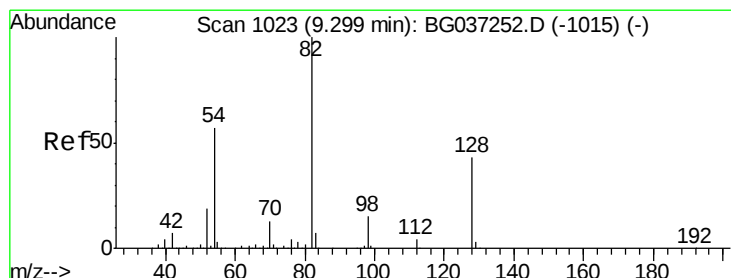
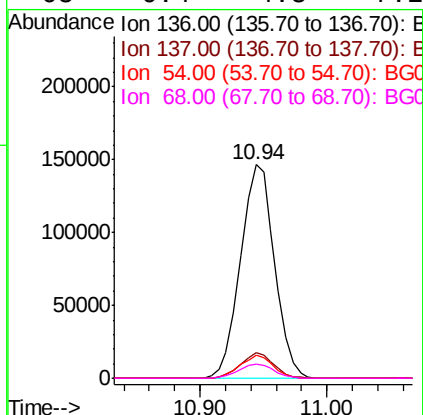
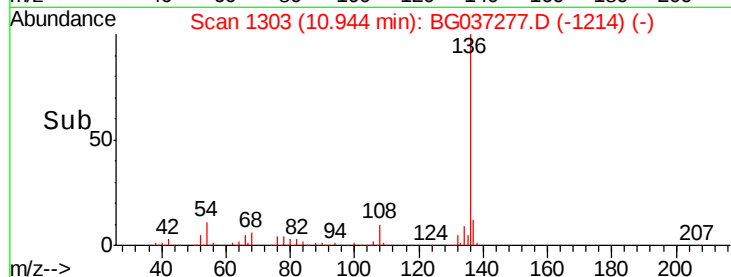
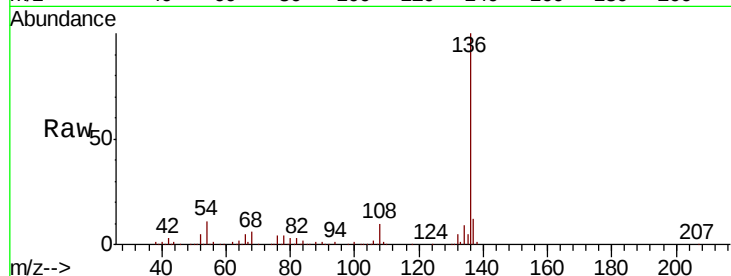




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037277.D
Acq: 12 Oct 2018 5:10

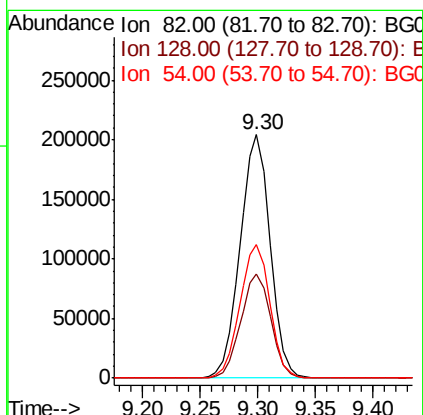
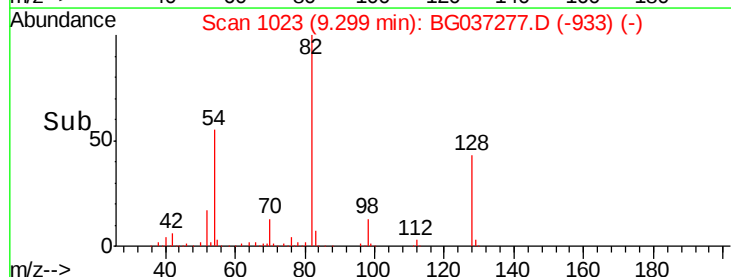
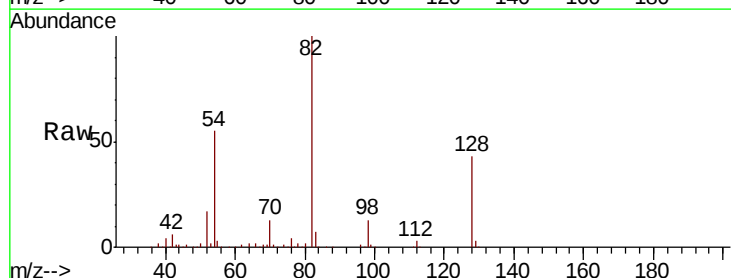
Instrument :
BNA_G
ClientSampleId :
TW-1

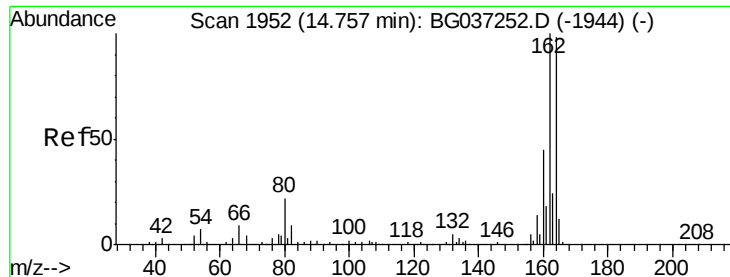
Tgt Ion:	136	Resp:	272653
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	11.0	7.9	11.9
68	6.4	4.8	7.2



#23
Nitrobenzene-d5
Concen: 88.740 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG037277.D
Acq: 12 Oct 2018 5:10

Tgt Ion:	82	Resp:	368019
Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	51.8
54	55.0	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG037277.D

Acq: 12 Oct 2018 5:10

Instrument :

BNA_G

ClientSampleId :

TW-1

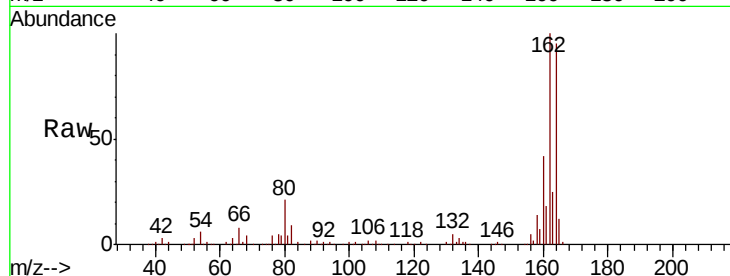
Tgt Ion:164 Resp: 186592

Ion Ratio Lower Upper

164 100

162 104.9 81.3 121.9

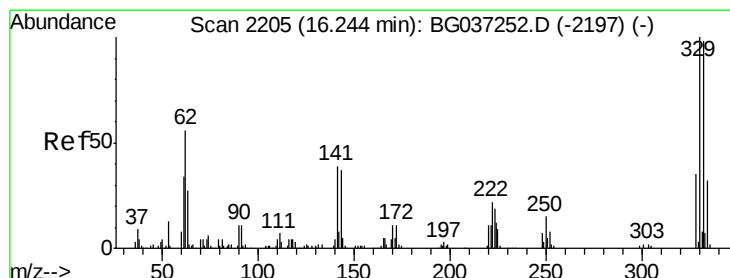
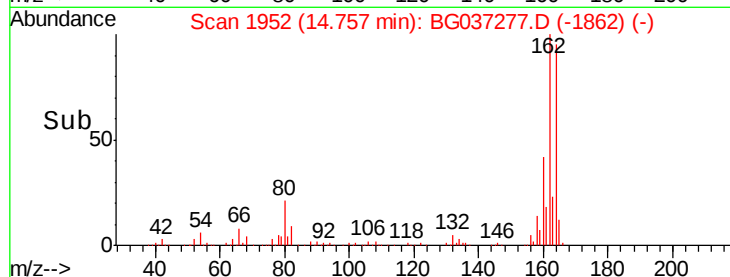
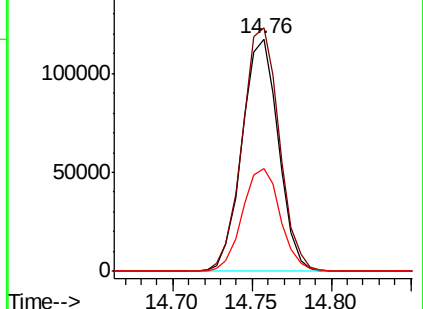
160 44.6 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 136.057 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG037277.D

Acq: 12 Oct 2018 5:10

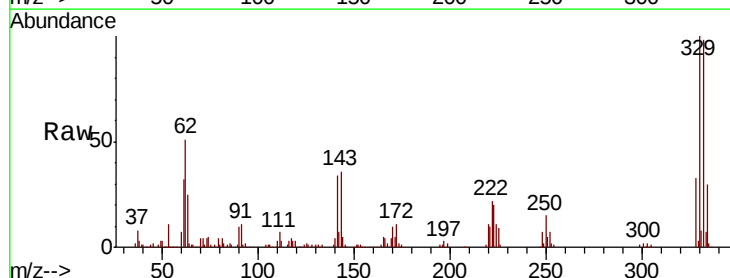
Tgt Ion:330 Resp: 248977

Ion Ratio Lower Upper

330 100

332 96.2 78.4 117.6

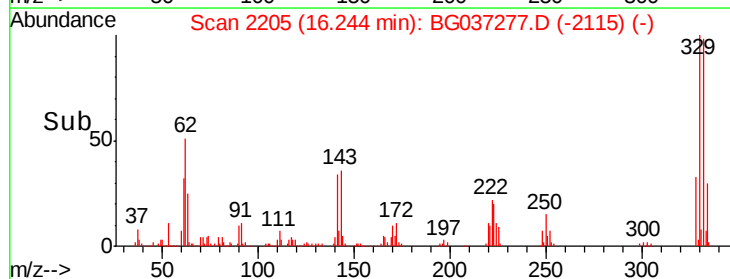
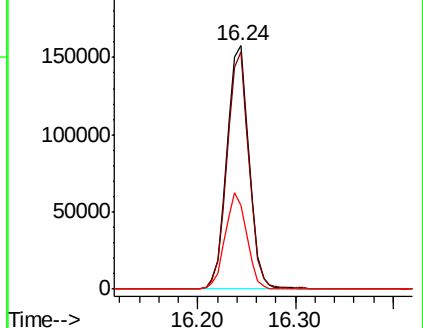
141 38.5 32.2 48.2

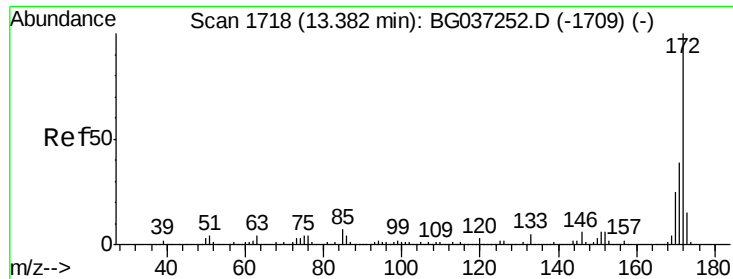


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

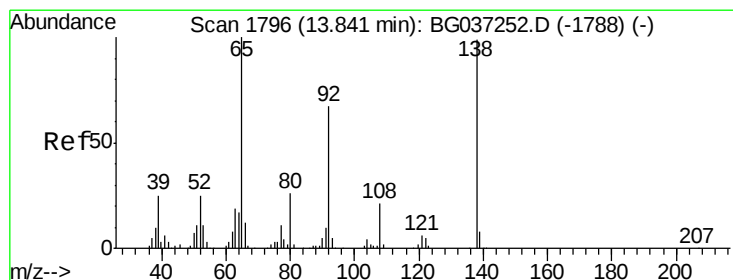
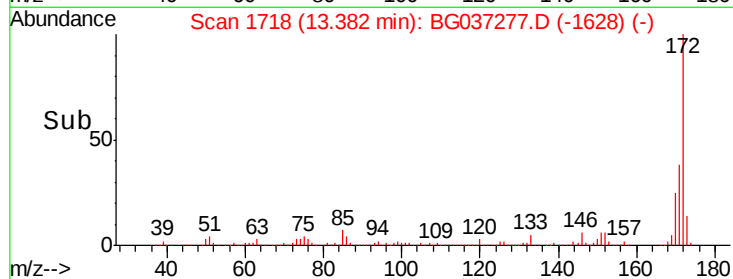
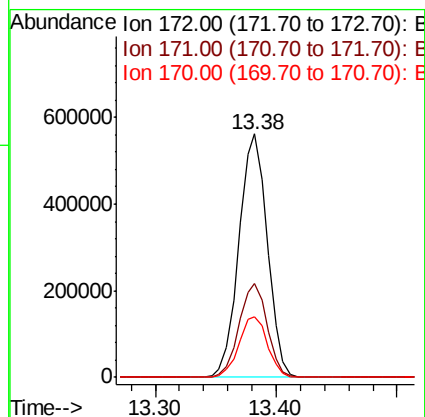
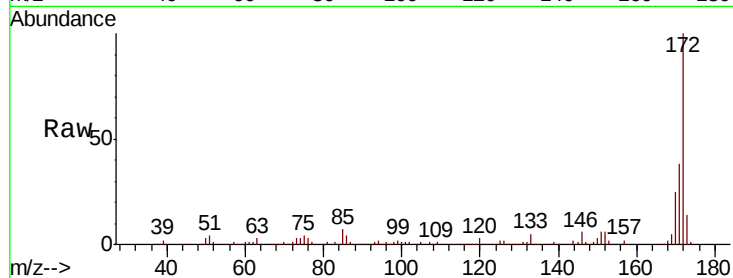




#45
 2-Fluorobiphenyl
 Concen: 74.103 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG037277.D
 Acq: 12 Oct 2018 5:10

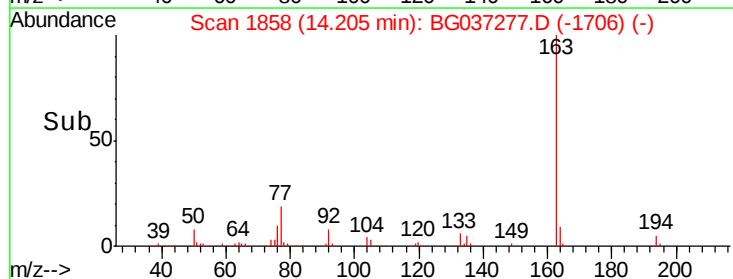
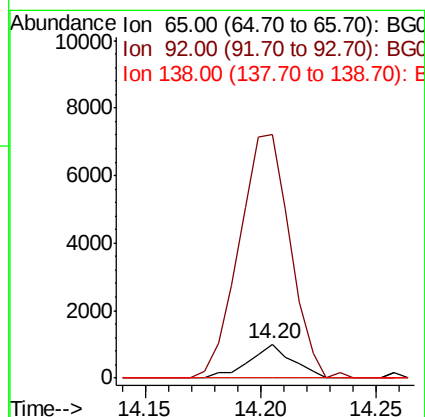
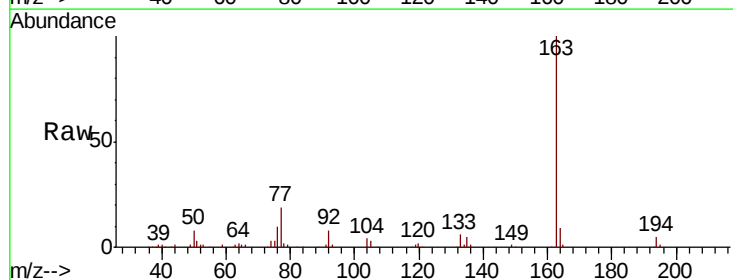
Instrument :
 BNA_G
 ClientSampleId :
 TW-1

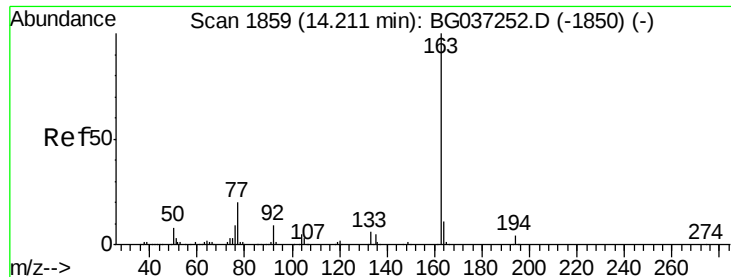
Tgt Ion: 172 Resp: 920716
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.0 46.4
 170 24.8 20.2 30.2



#48
 2-Nitroaniline
 Concen: 6.120 ng
 RT: 14.20 min Scan# 1858
 Delta R.T. 0.36 min
 Lab File: BG037277.D
 Acq: 12 Oct 2018 5:10

Tgt Ion: 65 Resp: 1302
 Ion Ratio Lower Upper
 65 100
 92 719.8 53.2 79.8#
 138 0.0 79.3 118.9#





#50

Dimethylphthalate

Concen: 9.110 ng

RT: 14.20 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG037277.D

Acq: 12 Oct 2018 5:10

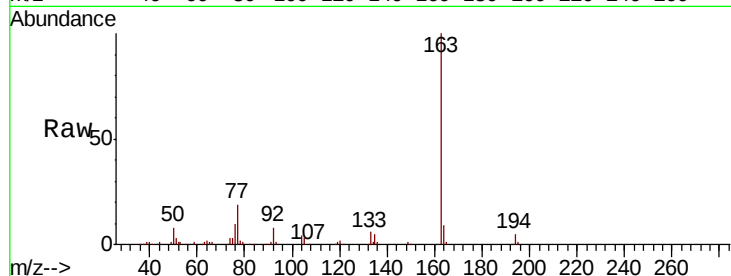
Instrument :

BNA_G

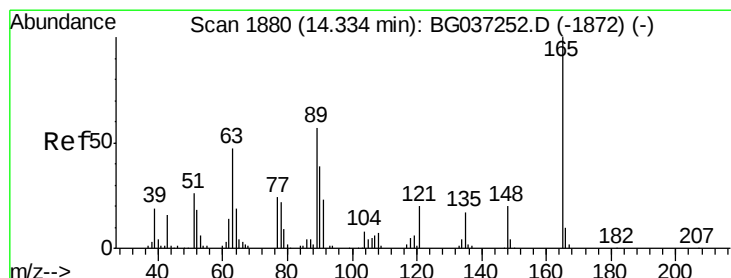
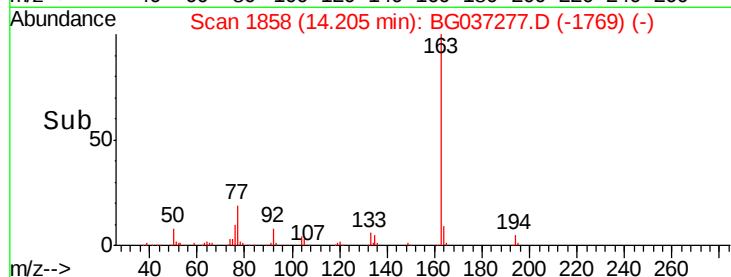
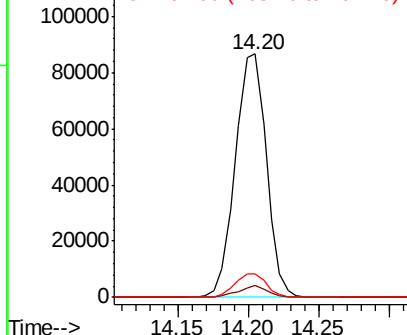
ClientSampleId :

TW-1

Tgt Ion:	163	Resp:	133592
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	9.5	8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 5.287 ng

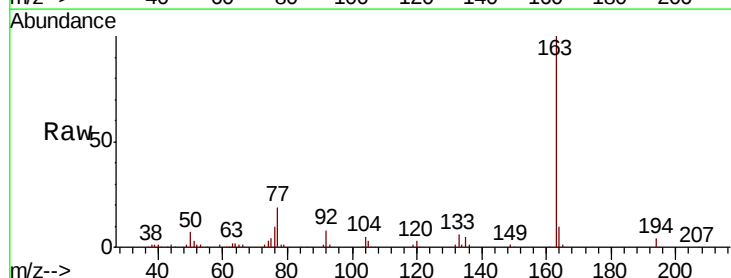
RT: 14.20 min Scan# 1857

Delta R.T. -0.14 min

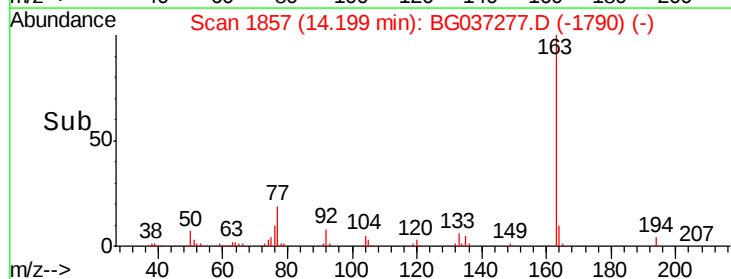
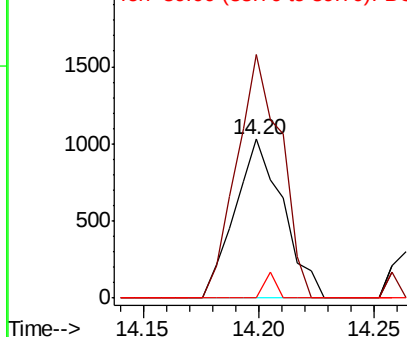
Lab File: BG037277.D

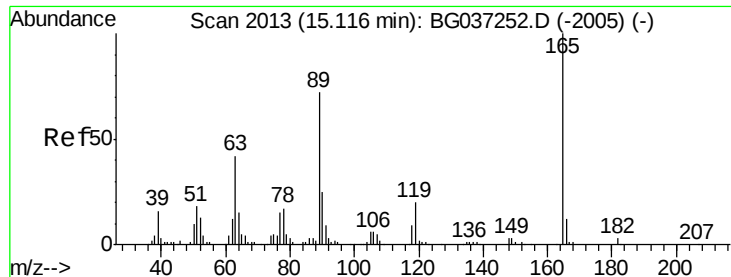
Acq: 12 Oct 2018 5:10

Tgt Ion:	165	Resp:	1509
Ion	Ratio	Lower	Upper
165	100		
63	153.1	43.4	65.2#
89	0.0	45.8	68.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

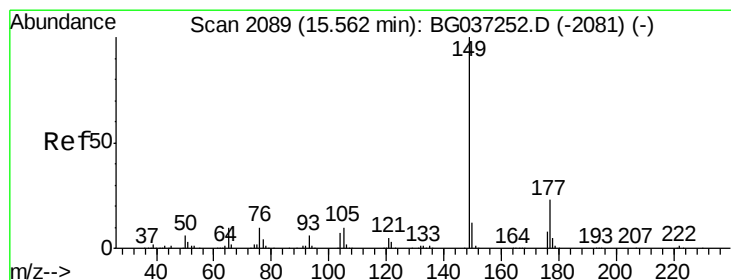
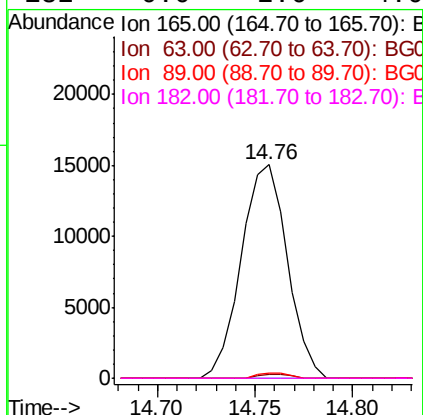
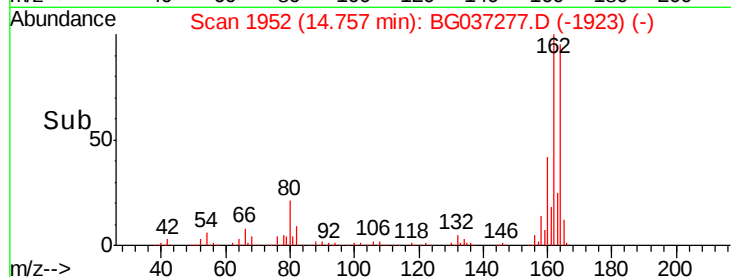
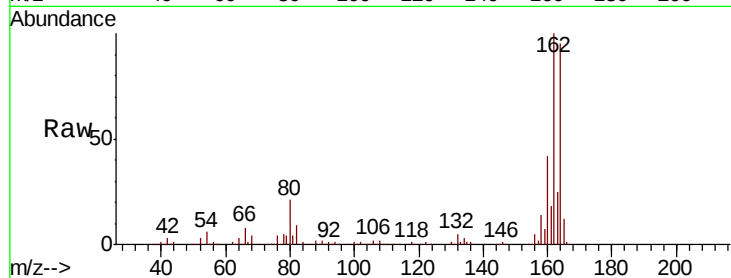




#57
2,4-Dinitrotoluene
Concen: 11.395 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.36 min
Lab File: BG037277.D
Acq: 12 Oct 2018 5:10

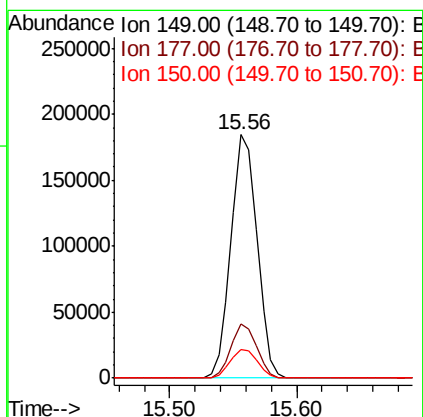
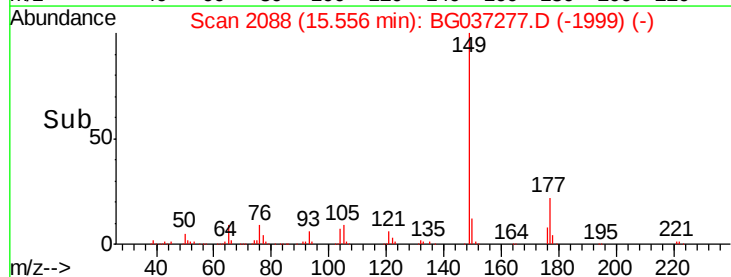
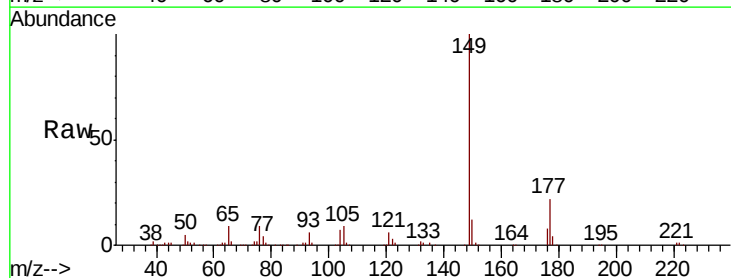
Instrument :
BNA_G
ClientSampleId :
TW-1

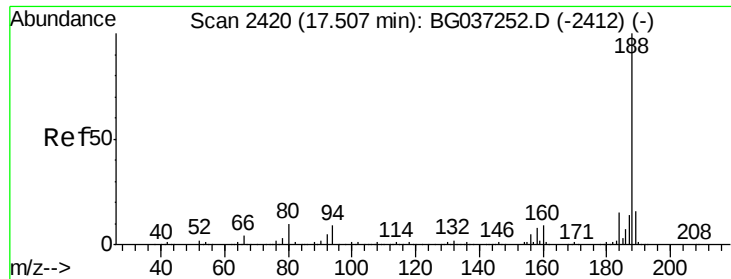
Tgt Ion:165 Resp: 24587
Ion Ratio Lower Upper
165 100
63 1.8 33.4 50.0#
89 2.3 57.2 85.8#
182 0.0 2.6 4.0#



#60
Diethylphthalate
Concen: 17.273 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BG037277.D
Acq: 12 Oct 2018 5:10

Tgt Ion:149 Resp: 262493
Ion Ratio Lower Upper
149 100
177 22.5 18.3 27.5
150 12.0 10.0 15.0

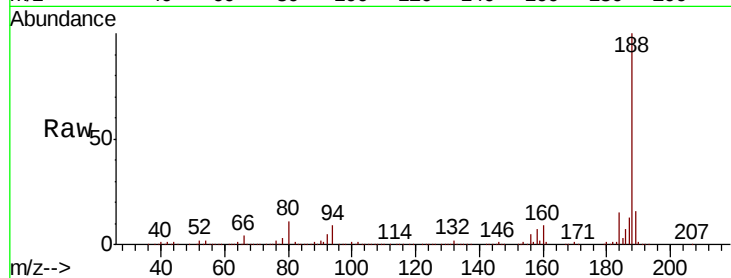




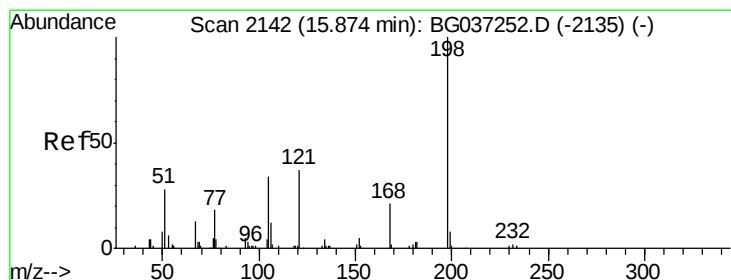
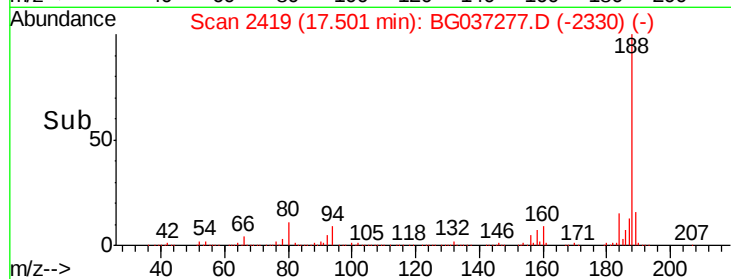
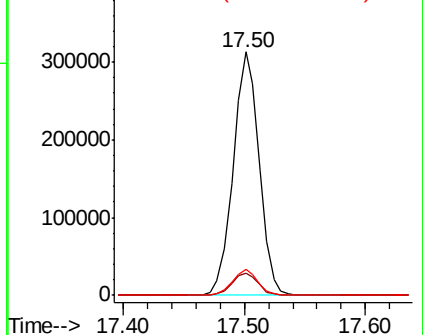
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG037277.D
 Acq: 12 Oct 2018 5:10

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Tgt Ion:188 Resp: 467177
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.2 10.8
 80 10.6 7.7 11.5

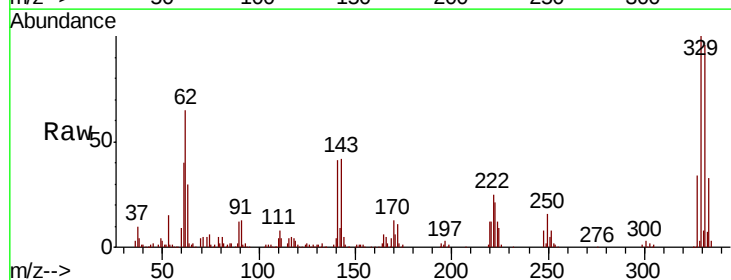


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

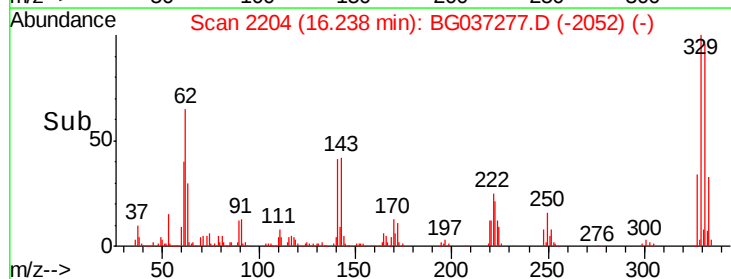
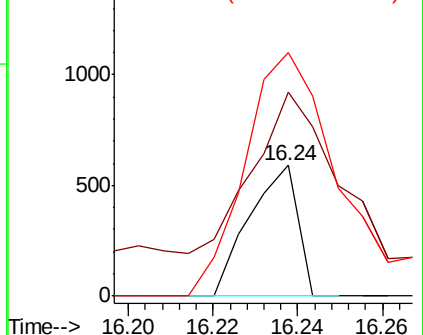


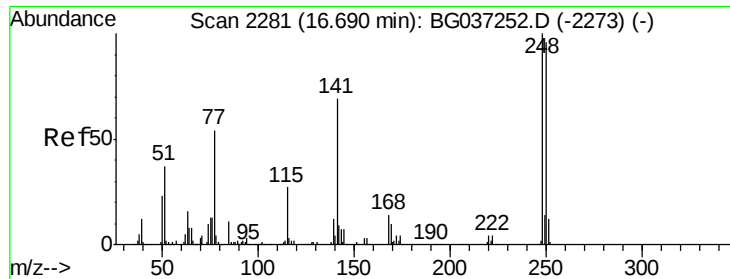
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.227 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.36 min
 Lab File: BG037277.D
 Acq: 12 Oct 2018 5:10

Tgt Ion:198 Resp: 470
 Ion Ratio Lower Upper
 198 100
 51 32.7 22.7 62.7
 105 38.9 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

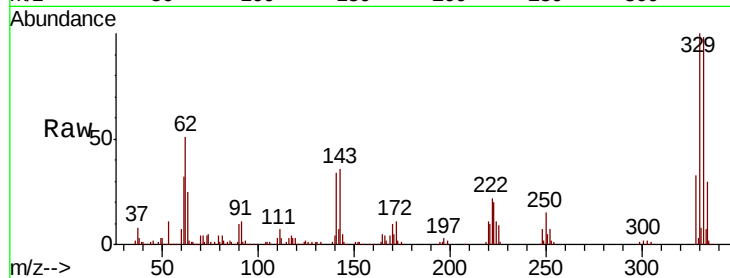




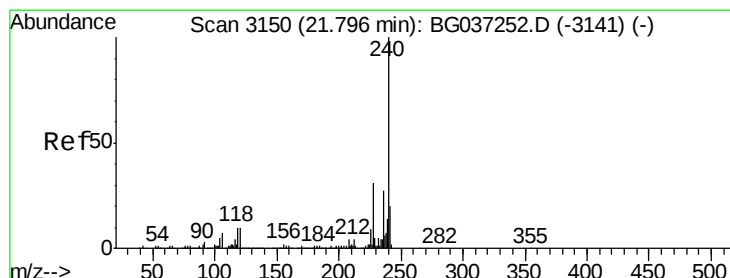
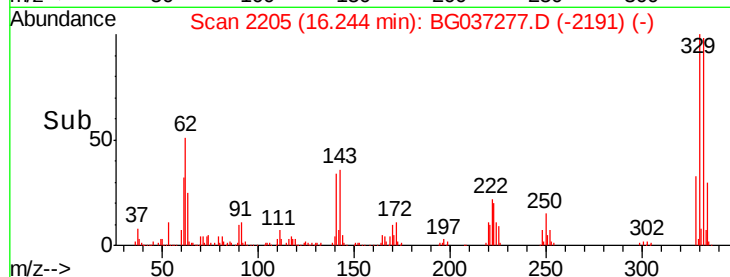
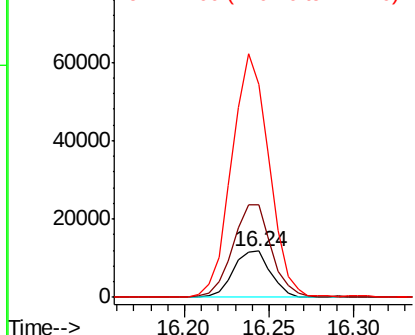
#67
4-Bromophenyl-phenylether
Concen: 3.611 ng
RT: 16.24 min Scan# 2205
Delta R.T. -0.45 min
Lab File: BG037277.D
Acq: 12 Oct 2018 5:10

Instrument :
BNA_G
ClientSampleId :
TW-1

Tgt Ion:248 Resp: 18208
Ion Ratio Lower Upper
248 100
250 203.6 77.0 115.6#
141 360.1 55.5 83.3#

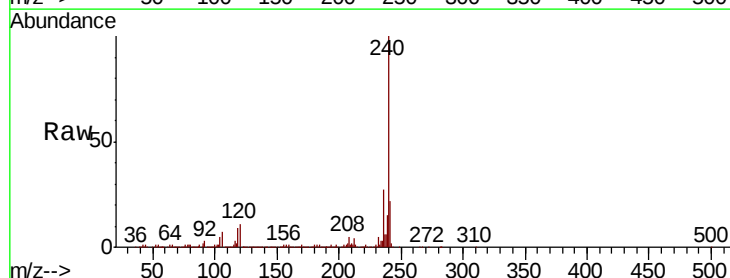


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

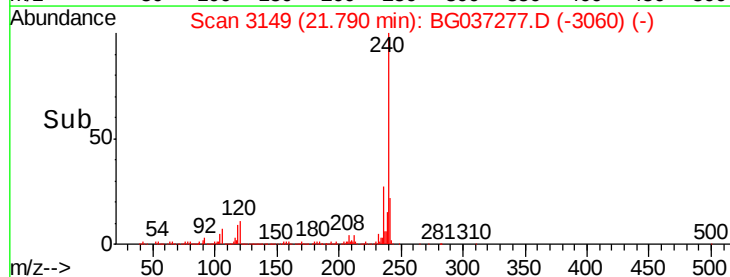
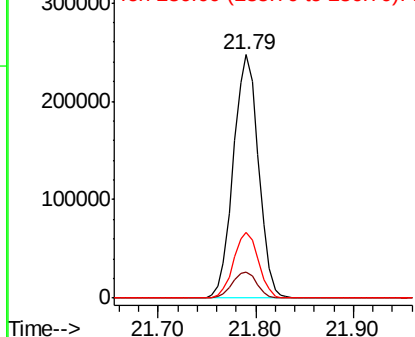


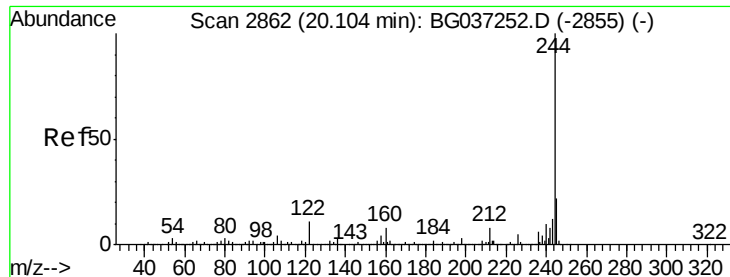
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG037277.D
Acq: 12 Oct 2018 5:10

Tgt Ion:240 Resp: 442105
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 27.0 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.640 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG037277.D

Acq: 12 Oct 2018 5:10

Instrument :

BNA_G

ClientSampleID :

TW-1

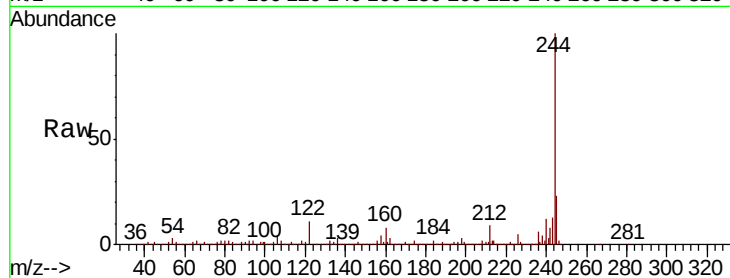
Tgt Ion:244 Resp: 1550495

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

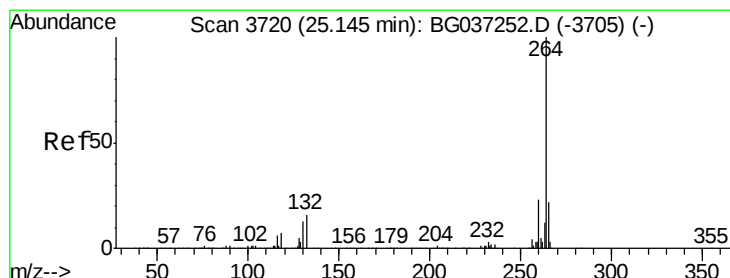
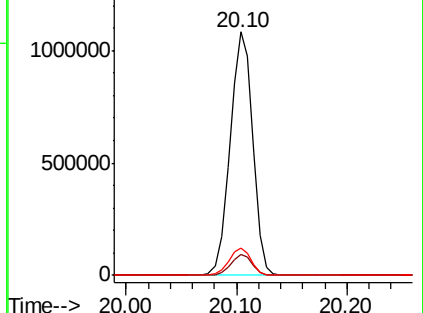
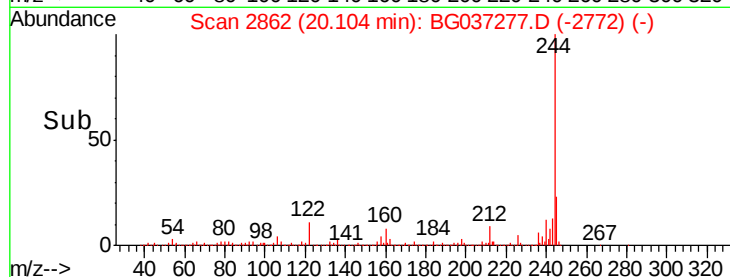
122 11.2 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.14 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG037277.D

Acq: 12 Oct 2018 5:10

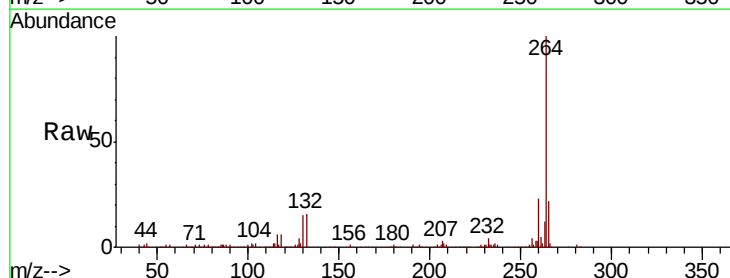
Tgt Ion:264 Resp: 455646

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 22.3 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

